

Atty. Dkt. No. 026063-1402

Amendments to the Claims:

By the present amendment, claims 1-4, 9, and 18-45 are canceled. This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

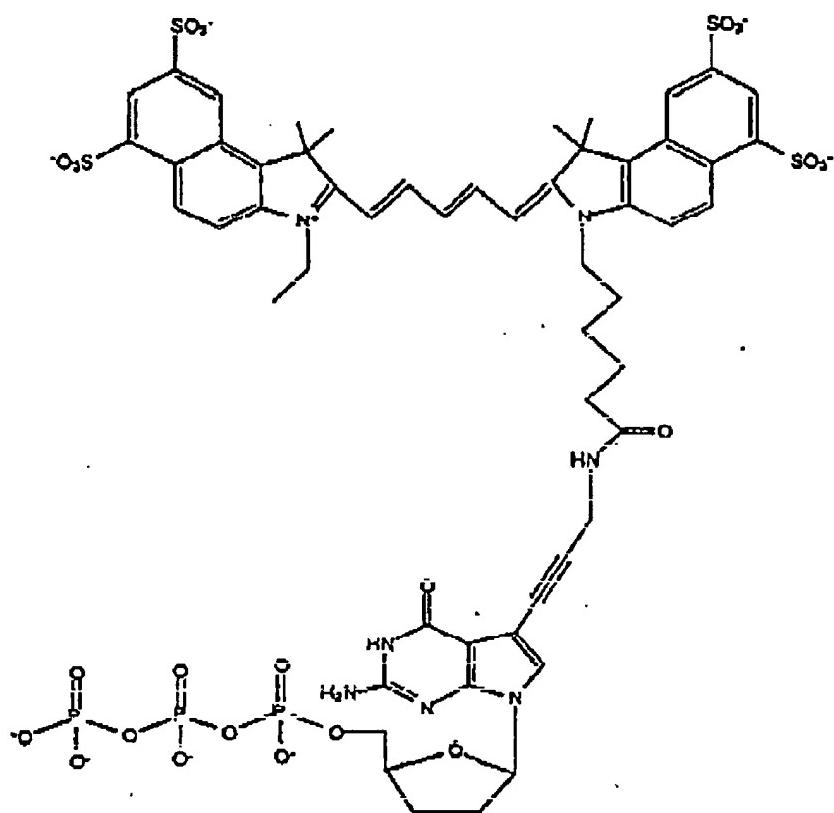
1-4. (Canceled)

-2-

023.265562.1

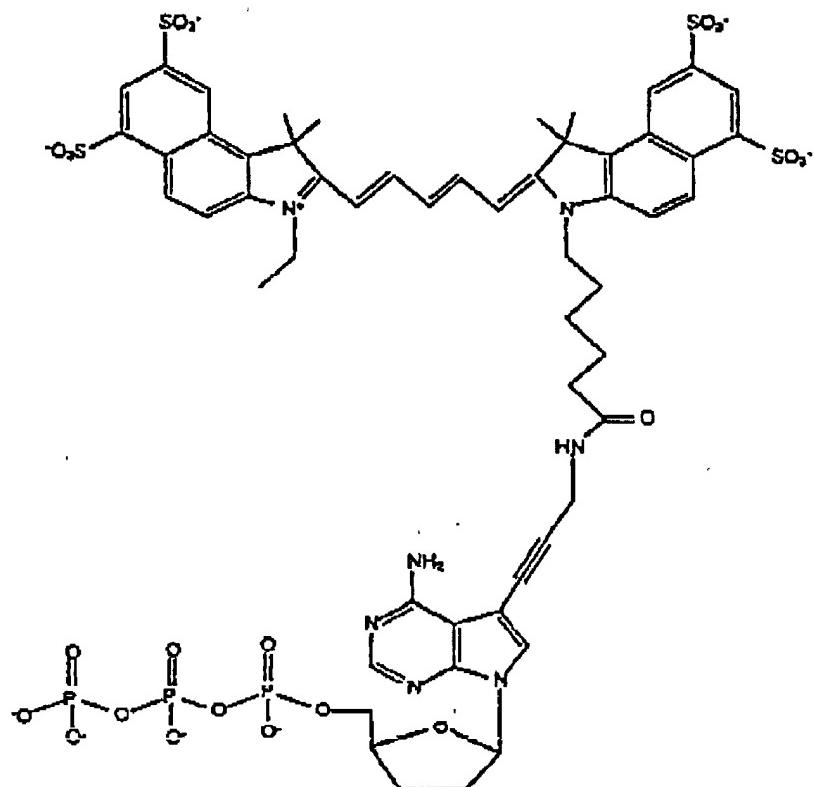
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5. (Original) A compound of the formula (II):



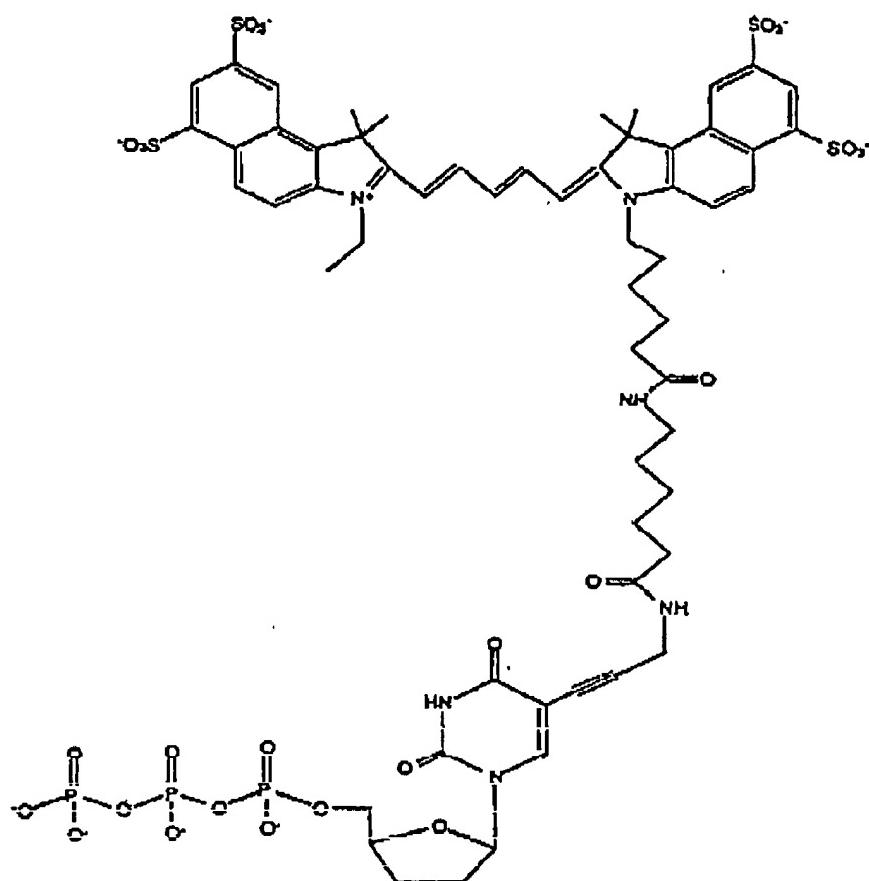
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6. (Original) A compound of the formula (III):



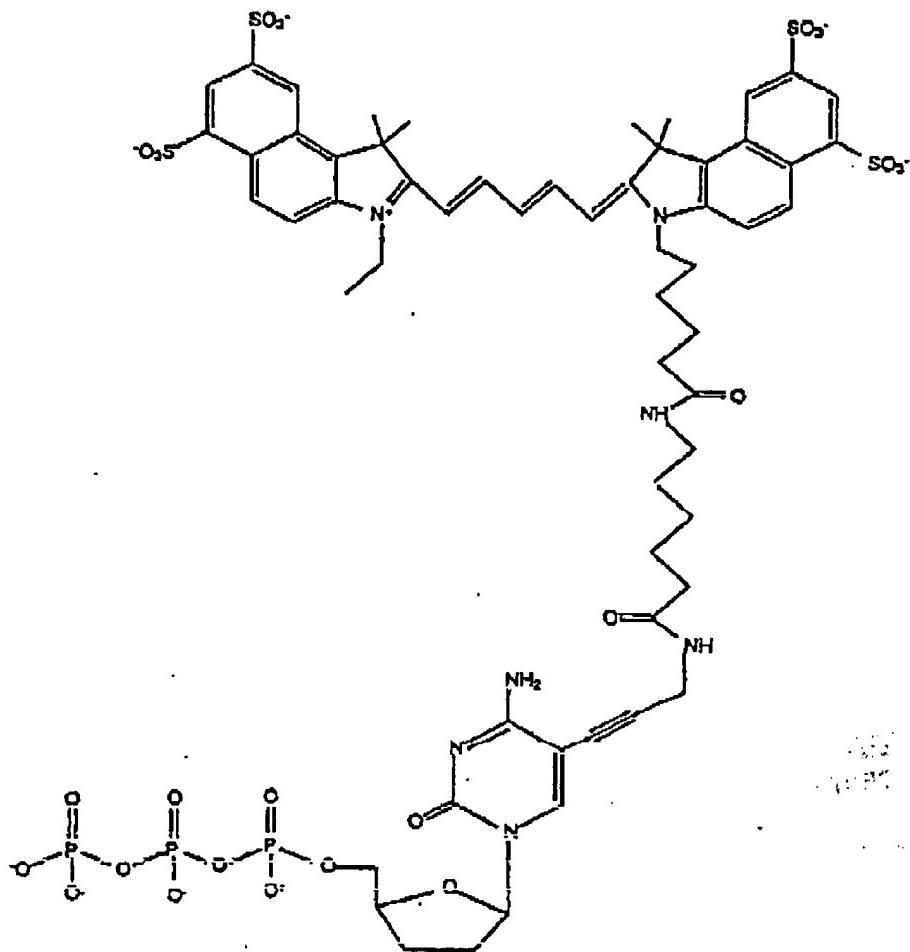
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7. (Original) A compound of the formula (IV):



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8. (Original) A compound of the formula (V):



9. (Canceled)

10. (Previously Presented) A deoxyribonucleotide sequence containing a compound of formula II, III, IV, or V.

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11. (Original) A kit for DNA sequencing comprising compounds of formula II, III, IV, and V.

12. (Original) The kit of claim 11, further comprising a thermostable DNA polymerase.

13. (Original) The kit of claim 12, wherein said polymerase is a thermostable DNA polymerase that has an altered dNMP binding site so as to improve the incorporation of dideoxynucleotides relative to the natural polymerase.

14-45. (Canceled)